

KOLKATA PORT TRUST
HALDIA DOCK COMPLEX

Tender No.: SDM (P&E) / T36 / 2018-19
E-Tender No. KoPT/Haldia Dock Complex/P&E Div/37/18-19/ET/380

E-Tender under single cover system (Pre-qualification, Techno-commercial terms and Price under single cover) for work of 'Upgradation of operation of existing Lock Gate System of Haldia Dock Complex, Kolkata Port Trust including 5 (five) years comprehensive maintenance contract after successful completion of 1 (one) year Warranty period'

CORRECTIONS / ADDITIONS / DELETIONS, ETC.

[Total Number of Pages:7]

NOTE:

1. This "Addendum-I" should be read in conjunction with this office above Tender Document.
2. Consequential changes, arising out of this Addendum-I, will be deemed to have been effected, even if the same were not incorporated specifically in the Tender Document.
3. One set of this "Addendum-I", shall have to be submitted along with the Offer (in with each page of it, duly signed and stamped, as token of acceptance.
4. All other terms and conditions of this office above Tender Document will remain unchanged.

HALDIA DOCK COMPLEX

♠ ADDENDUM-I ♠

Tender No.: SDM (P&E) / T36 / 2018-19

E-Tender No. KoPT/Haldia Dock Complex/P&E Div/37/18-19/ET/380

Terms and conditions

Sl no	Clause No./Ref. No.	Para/Line No./Page No.	As specified in the Tender Document.	To be Read as/ Remarks
1	SOT 3.12 i)	Page no. 6	i) Starting date & time of submission of e-Tender at http://www.mstcecommerce.com/eproc/home/kopt : 10.03.2019 from 11: 00 Hrs. (IST).	i) Starting date & time of submission of e-Tender at http://www.mstcecommerce.com/eprocho/me/kopt : 19 .03.2018 from 18: 00 Hrs. (IST).
2	SOT 3.12 ii)	Page no.6	ii) Closing date & time of submission of e-Tender at http://www.mstcecommerce.com/eproc/home/kopt : 18.03.2019, up to 15: 00 Hrs. (IST).	ii) Closing date & time of submission of e-Tender at http://www.mstcecommerce.com/eprocho/me/kopt : 04.04.2019, up to 15: 00 Hrs. (IST).
3	SOT 3.12 iii)	Page no.7	iii) Date & time of opening of Part-I (Technocommercial Bid): 18.03.2019, 15:30 Hrs. (IST) onwards.	iii) Date & time of opening of Part-I (Technocommercial Bid): 04.04.2019, 15:30 Hrs. (IST) onwards.
4	Clause No. 7.20.1 (i), (ii) and 7.20.1 1 (i)	Page-96 and 97	As specified in SCC Clause No. 7.67.1	As specified in GCC Clause No. 7.67.1
6	Clause No. 7.67.2	Page-100	As specified in SCC Clause No. 7.67.1 i)	As specified in GCC Clause No. 7.67.1 i)
7	Clause no. 7.20.1 ii)&7.20.11 ii)	Page no. 96 & 97	Performance Guarantee/ security deposit for the contract	Performance Guarantee/ security deposit for the comprehensive maintenance contract
8	Clause no. 6.6 c)	Page no. 34	Valid authorisation certificate from manufacturer/principal to be provided if the bidder is not the manufacturer or the principal of PLC, HMI, VFD & the Visualization Software/SCADA.	OEM or their authorised system integrator may submit the bid. In case of submission of bid by the system integrator, valid authorisation certificate from the OEM must be submitted along with bid and OEM will remain overall responsible for installation & commissioning of the system as a whole including comprehensive maintenance contract period. The representative of OEM must be present during the installation & commissioning period.

9	Clause no. 3.6	Page no. 6	Completion period : 5 months from LOI	The completion period will be 6 months from the date of Letter of acceptance (LOA).
10	Clause no. 3.8	Page no.6	Security Deposit : 10% of contract value in form of BG for completion period.	First security deposit will have to be submitted as 10% of project cost i.e. for supply, delivery, installation & commissioning and it will remain valid upto the defect liability period (DLP) i.e. 12 months from the date of taking over of the project.
11	Clause no. 3.9	Page no.6	Warranty Period: 12 months from the date of taking over of the project	There will be guarantee period in place of warrantee, and the same will be applicable from the date of taking over the project for a period of 12 months
12	Clause no. 3.10	Page no. 6	PBG : 10% of contract value in form of period of 72 months	This BG will start from the date of beginning of comprehensive maintenance contract (CMC) for 10 % of Annual maintenance contract (AMC) value which will have to be renewed in each year. It will cover total period of CMC i.e. 5 years.
13	Clause no. 5.13.5	Page no. 22	Rates & amounts quoted by the bidders in the "PRICE SCHEDULE", include all incidental charges [excluding GST]	Revised price schedule (Bidding form-VI
14	Clause no. 6.3 x	Page no. 33	The contractor shall maintain 100% availability of PLC based automation system for operation. Otherwise Rs. 50,000 per hour for non-functioning of system due to failure subject to maximum the amount kept as Performance Bank Guarantee shall be deducted during the comprehensive maintenance and warranty period till reinstating of the defective part of the system.	The contractor shall maintain 100% availability of PLC based automation system for operation. Otherwise Rs. 10,000 per hour for non-functioning of system due to failure subject to maximum the amount kept as Performance Bank Guarantee shall be deducted during the comprehensive maintenance and warranty period till reinstating of the defective part of the system.
15	Clause no. 7.48.1	Page no. 71 & 72	Labour licence: Within 7 (seven) days from the date of issuance of the order, the Contractor shall have to apply for labour licence for the maximum number of workers proposed to be deployed for this work. Necessary certificate shall be issued by the Engineer against a request from the Contractor.	Labour licence: Within 3 (three) weeks from the date of issuance of the order, the Contractor shall have to apply for labour licence for the maximum number of workers proposed to be deployed for this work. Necessary certificate shall be issued by the Engineer against a request from the Contractor.
16	Clause no. 7.69.2	Page no. 81	Liquidated Damage : in case of handing over the Contract Job after the scheduled completion period, Liquidated Damage @ ½% of the Contract Price [excluding GST], for every week or part thereof, beyond the scheduled date of completion, will be deducted from the Contractor's bill. Provided always the amount of such compensation shall not exceed 10 % of the cost the Contract Price [excluding GST]	Liquidated Damage : in case of handing over the Contract Job after the scheduled completion period, Liquidated Damage @ ½% of the Contract Price [excluding GST], for every week or part thereof, beyond the scheduled date of completion, will be deducted from the Contractor's bill. Provided always the amount of such compensation shall not exceed 10 % of the cost of supply, installation, testing & commissioning.

17	Table of contents		Table of contents	Revised Table of contents. (Annexure – x)
18	Clause no. 6.6 b)	Page no. 34	The PLC, HMI, VFD & SCADA or PC BASED VISUALIZATION & CONTROLLING SOFTWARE must be of the same make and necessary documents to be submitted in support of that.	The PLC, HMI, VFD & SCADA or PC BASED VISUALIZATION & CONTROLLING SOFTWARE must be of the same make and necessary documents to be submitted in support of that. The make of the above items will be ABB/SIEMENS/SCHNIDER ELECTRIC/FUJI.
19	Clause no. 6.9 e)	Page no. 35	PLC CPU must be comprised of 32-bit RISC processor.	PLC CPU must be comprised of 32-bit processor having PLC I/O refresh time & program scan time one (1) mili second.
20	Clause no. 6.9 g)	Page no. 35	The PLC CPU should be comprised of Built in USB interface.	To be deleted.
21	Clause no. 6.10 c)	Page no. 35	The Hardware should be comprised of up to 3 Channels Serial Ports, up to 1 Channel Wired LAN & built in memory card slot.	HMI should be compatible with the offered PLC.
22	Clause no. 6.10	Page no. 35	The HMI touch screen [Comprises of marine classification standards [ABS, LR, NK,DNV] with IP 66 front case protection, with withstanding capacity of ambient temperature of 50°C & ambient humidity of 85 % RH minimum with certified to withstand up-to contamination zone 2. Must be considered for each PLC station for local monitoring or control option.	The HMI touch screen [Comprises of marine classification standards [ABS/LR/NK/DNV] with IP 66 front case protection, with withstanding capacity of ambient temperature of 50°C & ambient humidity of 85 % RH minimum with certified to withstand up-to contamination zone 2. Must be considered for each PLC station for local monitoring or control option.
23	Clause no. 6.10 d)	Page no. 35	The Hardware should be suitable & having the provision for direct connectivity of External buzzer & CCTV camera.	The Hardware should be suitable & having the provision for direct connectivity of External buzzer through PLC. Extra monitor to be considered for CCTV monitoring.
24	Clause no. 6.11 i)	Page no. 36	The VFD should be SIL2 or SIL3 certified	To be deleted.
25	Clause no. 6.11 m)	Page no. 36	The IGBTs of the VFD and the VFD as a unit should be from the same Manufacturer.	To be deleted.
26	Clause no. 6.12h)	Page no. 37	The system be downward and upward compatible with the version of Windows.	The system should be upward compatible with the version of Windows.

REVISED TABLE OF CONTENTS
[Tender No. : SDM(P&E)T/36/2018-2019]

PARTS	Sections	CHAPTER DESCRIPTION	PAGE NO.
PART-1		BID INVITING	
	I	Short e-Tender Notice	1
	II	Notice Inviting e-Tender	2-4
	III	Schedule Of Tender (SOT)	5-7
PART-2		BIDDING PROCEDURES	
	IV	Instructions for Online Bid Submission	8-15
	V	Instructions To Bidders (ITB)	16-31
	VI	Technical specification	32-42
PART-4		CONDITIONS OF CONTRACT	
	VII	General Conditions of Contract (GCC)	43-95
	VIII	Special Conditions of Contract (SCC)	96-102
PART-5		BIDDING FORMS, CHECKLIST AND CONTRACT FORMS.	
	IX	Bidding Forms [I to VI]	103-114
	X	Checklist	115-116
	XI	Formats for :	
		Form of Agreement	117-118
		Indemnity Bond	119-120
		Bank Guarantee for Performance Guarantee	121-123
		Certificate of Completion of work	124
		Certificate of Final Completion	125
		No Claim Certificate	126

BIDDING FORM-VI
REVISED PRICE SCHEDULE

[To be filled up and uploaded, duly signed & stamped]

PART – A

Sl No	Description of work	Unit	Qty.	Rate/Unit (Rs.)		Total Amou nt (in Rs.)	Amount GST%		
				In figure	In words		SGS T	CGST	IG ST
1.	Supply & Delivery of Control Instruments & Panels								
1.1	PLC Hardware with wireless communication feature for caisson & radial gate operation, control & monitoring	Set.	4						
1.2	HMI Hardware for each PLC	Set.	4						
1.3	PC based monitoring & controlling system comprising of Necessary hardware & software at central control station	Set.	1						
1.4	Electrical Control Panel / enclosure	Set.	6						
1.5	VFD Hardware for caisson & radial gate operation.	Set.	6						
2.	Supply & Delivery of Field Instruments								
2.1	Open channel Level Transmitter	Set.	3						
2.2	Insertion Type Level Transmitter	Set.	4						
2.3	Float switches	Set	2						
	Pressure transmitter	Set	2						
2.5	Motorized control valve assembly for UST tank feel in system.	Set.	4						
3.	Supply of all special cables (Ethernet cables, communication cable) required for above job	LS							
4.	All Additional special hardware for system performance	LS							
5.	CCTV Camera	No.	6						
6.	Installation & Testing, commissioning, Logic programming & monitoring for the supplied items as mentioned from Sl. No. 1 to 5 above.	LS							
Total Amount 'PART A'									

PART – B

Sl No	Description of work	Unit	Qty.	Rate/Unit (Rs.)		Total Amount (in Rs.)	Amount GST%		
				In figure	In words		SGST	CGST	IGST
a.	Supply of 100 A distribution board (DB)	No.	4						
b.	Supply of 3.5 C X 150 Sq mm. LT X LPE Power Cable as per IS: 7098 Part II	Mtr.	1200						
c.	Supply of Fiber Optic Cable 12 Core	Mtr.	1200						
d.	Supply of 2.5 Core X 1.5 Sq. mm Screen Cable	Mtr	2000						
e.	Providing Earth Link / Earth pit as per IS and connected all the equipment with 25 X 3 mm, if required	Set.	4						
f.	Installation, Testing, Commissioning of item No. (a) to (e) including Cable Laying , Glanding and Termination & Civil foundation required for DB & Control Station at site & the site to be specified by HDC authority subject to coordination with FEI.	LS							
TOTAL AMOUNT 'PART B'									

PART – C

PART C									
Sl No	Description of work	Unit	Qty.	Rate/Unit (Rs.)		Total Amou nt (in s.)	Amount GST%		
				In figure	In words		SGST	CGST	IGST
1	Comprehensive Maintenance Contract with full responsibility of carrying out PLC based automation for operation monitoring & adjustment of buoyancy of Inner & Outer caisson gate, operation control of Radial gates / valves for a period of 5 years, after expiry of 1 year Warranty period including manning of at least one (1) person for working shifts								
a.	Warranty period	LS							
b.	1st year CMC								
c.	2nd year CMC								
d.	3rd year CMC								
e.	4th year CMC								
f.	5th year CMC								
	TOTAL AMOUNT 'PART C'								
	NET TOTAL = TOTAL OF (PART A) + (PART B) + (PART C)								